



PTO/SB/08b (01-08)

Approved for use through 04/30/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	9	Attorney Docket Number	0465-1030P
-------	---	----	---	------------------------	------------

### Complete if Known

Application Number	10/670,326 –Conf. #5080
Filing Date	September 26, 2003
First Named Inventor	Yong Cheol PARK
Art Unit	2627
Examiner Name	BIBBINS, L

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA*	US-2001/0011267-A1	08-02-2001	Kihara et al.		
AB*	US-2001/0026511-A1	10-04-2001	Ueda et al.		
AC*	US-2001/0043525-A1	11-22-2001	Ito et al.		
AD*	US-2002/0025138-A1	02-28-2002	Isobe et al.		
AE*	US-2002/0097665-A1	07-25-2002	Ko et al.		
AF*	US-2002/0097666-A1	07-25-2002	Ko et al.		
AG*	US-2002/0099950-A1	07-25-2002	Smith		
AH*	US-2002/0136118-A1	09-26-2002	Takahashi		
AI*	US-2002/0136134-A1	09-26-2002	Ito et al.		
AJ*	US-2002/0159382-A1	10-31-2002	Ohata et al.		
AK*	US-2002/0161774-A1	10-31-2002	Tol et al.		
AL*	US-2002/0176341-A1	11-28-2002	Ko et al.		
AM*	US-2003/0072236-A1	04-17-2003	Hirotsune et al.		
AN*	US-2003/0095482-A1	05-22-2003	Hung et al.		
AO*	US-2003/0126527-A1	07-03-2003	Kim et al.		
AP*	US-2003/0135800-A1	07-17-2003	Kim et al.		
AQ*	US-2003/0137909-A1	07-24-2003	Ito et al.		
AR*	US-2003/0137910-A1	07-24-2003	Ueda et al.		
AS*	US-2003/0142608-A1	07-31-2003	Yamamoto et al.		
AT*	US-2003/0149918-A1	08-07-2003	Takaichi		
AU*	US-2003/0173669-A1	09-18-2003	Shau		
AV*	US-2003/0198155-A1	10-23-2003	Go et al.		
AW*	US-2004/0001408-A1	01-01-2004	Propps et al.		
AX*	US-2004/0004917-A1	01-08-2004	Lee		
AY*	US-2004/0062159-A1	04-01-2004	Park et al.		
AZ*	US-2004/0062160-A1	04-01-2004	Park et al.		
AA1*	US-2004/0105363-A1	06-03-2004	Ko et al.		

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/670,326 –Conf. #5080
<i>(Use as many sheets as necessary)</i>				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	2	of	9	Attorney Docket Number	0465-1030P

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AB1*	US-2004/0114474-A1	06-17-2004	Park et al.		
AC1*	US-2004/0120233-A1	06-24-2004	Park et al.		
AD1*	US-2004/0125716-A1	07-01-2004	Ko et al.		
AE1*	US-2004/0125717-A1	07-01-2004	Ko et al.		
AF1*	US-2004/0136292-A1	07-15-2004	Park et al.		
AG1*	US-2004/0145980-A1	07-29-2004	Park et al.		
AH1*	US-2004/0158768-A1	08-12-2004	Park et al.		
AI1*	US-2004/0174782-A1	09-09-2004	Lee et al.		
AJ1*	US-2004/0174785-A1	09-09-2004	Ueda et al.		
AK1*	US-2004/0179445-A1	09-16-2004	Park et al.		
AL1*	US-2004/0179458-A1	09-16-2004	Hwang et al.		
AM1*	US-2004/0223427-A1	11-11-2004	Kim et al.		
AN1*	US-2004/0246851-A1	12-09-2004	Hwang et al.		
AO1*	US-2005/0007910-A1	01-13-2005	Ito et al.		
AP1*	US-2005/0025007-A1	02-03-2005	Park		
AQ1*	US-2005/0052972-A1	03-10-2005	Park		
AR1*	US-2005/0052973-A1	03-10-2005	Park		
AS1*	US-2005/0055500-A1	03-10-2005	Park		
AT1*	US-2005/0060489-A1	03-17-2005	Park		
AU1*	US-2005/0068877-A1	03-31-2005	Yeo		
AV1*	US-2005/0083740-A1	04-21-2005	Kobayashi		
AW1*	US-2005/0083767-A1	04-21-2005	Terada et al.		
AX1*	US-2005/0083830-A1	04-21-2005	Martens et al.		
AY1*	US-2005/0195716-A1	09-08-2005	Ko et al.		
AZ1*	US-2005/0289389-A1	12-29-2005	Yamagami et al.		
AA2*	US-2006/0077827-A1	04-13-2006	Takahashi		
AB2*	US-2006/0195719-A1	08-31-2006	Ueda et al.		

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(e)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 –Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	3	of	9	Attorney Docket Number	0465-1030P

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AC2*	US-2006/0203635-A1	09-14-2006	Ko et al.		
AD2*	US-2006/0203638-A1	09-14-2006	Ko et al.		
AE2*	US-2006/0203684-A1	09-14-2006	Ko et al.		
AF2*	US-2006/0227694-A1	10-12-2006	Woerlee et al.		
AG2*	US-2007/0294571-A1	12-20-2007	Park et al.		
AH2*	US-2008/0046780-A1	02-21-2008	Shibuya et al.		
AI2*	US-4,733,386	03-22-1988	Shimoi et al.		
AJ2*	US-4,807,205	02-21-1989	Picard et al.		
AK2*	US-5,111,444-A	05-05-1992	Fukushima et al.		
AL2*	US-5,210,734-A	05-11-1993	Sakurai et al.		
AM2*	US-5,235,585-A	08-10-1993	Bish et al.		
AN2*	US-5,237,553-A	08-17-1993	Fukushima et al.		
AO2*	US-5,247,494-A	09-21-1993	Ohno et al.		
AP2*	US-5,319,626	06-07-1994	Ozaki et al.		
AQ2*	US-5,404,357-A	04-04-1995	Ito et al.		
AR2*	US-5,442,611-A	08-15-1995	Hosaka et al.		
AS2*	US-5,448,728-A	09-05-1995	Takano et al.		
AT2*	US-5,475,820-A	12-12-1995	Natrasevchi et al.		
AU2*	US-5,481,519-A	01-02-1996	Hosoya et al.		
AV2*	US-5,495,466-A	02-27-1996	Dohmeier et al.		
AW2*	US-5,528,571-A	06-18-1996	Funahashi et al.		
AX2*	US-5,553,045-A	09-03-1996	Obata et al.		
AY2*	US-5,577,194-A	11-19-1996	Wells et al.		
AZ2*	US-5,608,715	03-04-1997	Yokogawa et al.		
AA3*	US-5,715,221-A	02-03-1998	Ito et al.		
AB3*	US-5,720,030-A	02-17-1998	Kamihara et al.		
AC3*	US-5,740,435-A	04-14-1998	Yamamoto et al.		
AD3*	US-5,745,444-A	04-28-1998	Ichikawa et al.		
AE3*	US-5,799,212-A	08-25-1998	Ohmori et al.		
AF3*	US-5,802,028-A	09-01-1998	Igarashi et al.		
AG3*	US-5,848,038-A	12-08-1998	Igarashi et al.		
AH3*	US-5,867,455-A	02-02-1999	Miyamoto et al.		

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 –Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	4	of	9	Attorney Docket Number	0465-1030P

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AI3*	US-5,914,928-A		06-22-1999	Takahashi et al.	
AJ3*	US-6,058,085-A		05-02-2000	Obata et al.	
AK3*	US-6,118,608-A		09-12-2000	Kakihara et al.	
AL3*	US-6,138,203-A		10-24-2000	Inokuchi et al.	
AM3*	US-6,233,654-B1		05-15-2001	Aoki et al.	
AN3*	US-6,292,445-B1		09-18-2001	Ito et al.	
AO3*	US-6,341,109-B1		01-22-2002	Kayanuma et al.	
AP3*	US-6,341,278-B1		01-22-2002	Yamamoto et al.	
AQ3*	US-6,405,332-B1		06-11-2002	Bando et al.	
AR3*	US-6,414,923-B1		07-02-2002	Park et al.	
AS3*	US-6,447,126-B1		09-10-2002	Hornbeck	
AT3*	US-6,477,126-B1		11-05-2002	Park et al.	
AU3*	US-6,529,458-B1		03-04-2003	Shin et al.	
AV3*	US-6,581,167-B1		06-17-2003	Gotoh et al.	
AW3*	US-6,615,363-B1		09-02-2003	Fukasawa et al.	
AX3*	US-6,631,106-B1		10-07-2003	Numata et al.	
AY3*	US-6,633,724-B1		10-14-2003	Hasegawa et al.	
AZ3*	US-6,667,939-B1		12-23-2003	Miyamoto et al.	
AA4*	US-6,671,249-B2		12-30-2003	Horie et al.	
AB4*	US-6,697,306-B2		02-24-2004	Sako et al.	
AC4*	US-6,724,701-B2		04-20-2004	Ijtsma et al.	
AD4*	US-6,738,341-B2		05-18-2004	Ohata et al.	
AE4*	US-6,754,860-B2		06-22-2004	Kim et al.	
AF4*	US-6,760,288-B2		07-06-2004	Ijtsma et al.	
AG4*	US-6,763,429-B1		07-13-2004	Hirayama et al.	
AH4*	US-6,766,418-B1		07-20-2004	Alexander et al.	
AI4*	US-6,795,389-B1		09-21-2004	Nishiuchi et al.	

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 –Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	5	of	9	Attorney Docket Number	0465-1030P

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AJ4*	US-6,804,797-B2		10-12-2004	Ko et al.	
AK4*	US-6,826,140-B2		11-30-2004	Brommer et al.	
AL4*	US-6,842,580-B1		01-11-2005	Ueda et al.	
AM4*	US-6,845,069-B2		01-18-2005	Nakahara et al.	
AN4*	US-6,883,111-B2		04-19-2005	Yoshida et al.	
AO4*	US-6,918,003-B2		07-12-2005	Sasaki et al.	
AP4*	US-6,999,398-B2		02-14-2006	Yamamoto et al.	
AQ4*	US-7,002,882-B2		02-21-2006	Takahashi et al.	
AR4*	US-7,027,059-B2		04-11-2006	Hux et al.	
AS4*	US-7,027,373-B2		04-11-2006	Ueda et al.	
AT4*	US-7,042,825-B2		05-09-2006	Yamamoto et al.	
AU4*	US-7,050,701-B1		05-23-2006	Sasaki et al.	
AV4*	US-7,092,334-B2		08-15-2006	Choi et al.	
AW4*	US-7,149,930-B2		12-12-2006	Ogawa et al.	
AX4*	US-7,184,377-B2		02-27-2007	Ito et al.	
AY4*	US-7,188,271-B2		03-06-2007	Park et al.	
AZ4*	US-7,233,550-B2		06-19-2007	Park et al.	
AA5*	US-7,272,086-B2		09-18-2007	Hwang et al.	
AB5*	US-7,289,404-B2		10-30-2007	Park et al.	
AC5*	US-7,296,178-B2		11-13-2007	Yoshida et al.	
AD5*	US-7,327,654-B2		02-05-2008	Hwang et al.	
AE5*	US-5,940,702-A		08-17-1999	Sakao et al.	
AF5*	US-6,785,206-B1		08-31-2004	Lee et al.	
AG5*	US-7,379,402-B2		05-27-2008	Ko et al.	
AH5*	US-7,349,301-B2		03-25-2008	Terada et al.	
AI5*	US-6,542,450-B1		04-01-2003	Park et al.	
AJ5*	US-6,496,807-B1		12-17-2002	Inokuchi et al.	
AK5*	US-2004/193946		09-30-2004	Park et al.	

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with a single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 -Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	6	of	9	Attorney Docket Number	0465-1030P

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BA	CN-1134017-A		10-23-1996	Sony Corp		ABS
BB	CN-1140897-C		01-22-1997	Nippon Electric Co		ABS
BC	CN-1227950-A		09-08-1999	LG Electronics Inc		ABS
BD	CN-1273419-A		11-15-2000	Samsung Electronics Co Ltd		ABS
BE	CN-1675708-A		09-28-2005	Samsung Electronics Co Ltd		ABS
BF	CN-1685426-A		10-19-2005	Sony Corp		ABS
BG	DE-199 54 054-A1		06-21-2000	LG Electronics Inc		ABS
BH	EP-0314186-A2		05-03-1989	Matsushita Electric Ind Co Ltd		
BI	EP-0325823-A1		08-02-1989	Laserdrive Ltd		
BJ	EP-0350920-A2		01-17-1990	Matsushita Electric Ind Co Ltd		
BK	EP-0464811-A2		01-08-1992	Matsushita Electric Ind Co Ltd		
BL	EP-0472484-A2		02-26-1992	Ibm		
BM	EP-0477503-A2		04-01-1992	Fuji Photo Film Co Ltd		
BN	EP-0556046-A1		08-18-1993	Sony Corp		
BO	EP-0871172-A2		10-14-1998	Sony Corp		
BP	EP-0974967-A1		01-26-2000	Fujitsu Ltd et al.		
BQ	EP-0989554-A1		03-29-2000	Sony Corp		
BR	EP-1026681-B1		08-09-2000	Matsushita Electric Ind Co Ltd		
BS	EP-1043723-A1		10-11-2000	Matsushita Electric Ind Co Ltd		
BT	EP-1148493-A2		10-24-2001	Samsung Electronics Co Ltd		
BU	EP-1152414-A2		11-07-2001	Matsushita Electric Ind Co Ltd		
BV	EP-1239478-A1		09-11-2002	Matsushita Electric Ind Co Ltd		
BW	EP-1274081-A2		01-08-2003	Nippon Electric Co		
BX	EP-1298659-A1		04-02-2003	Samsung Electronics Co Ltd		
BY	EP-1329888-A1		07-23-2003	Matsushita Electric Ind Co Ltd		
BZ	EP-1347452-A2		09-24-2003	Matsushita Electric Ind Co Ltd		
BA1	EP-1547065-A0		06-25-2005	LG Electronics Inc		

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
-----------------------	-------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 -Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	7	of	9	Attorney Docket Number	0465-1030P

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
BB1	EP-1564740-A1		08-17-2005	Sony Corp		
BC1	EP-1573723-A0		09-14-2005	LG Electronics Inc		
BD1	EP-1623422-A0		02-08-2006	LG Electronics Inc		
BE1	GB-2356735-A		05-30-2001	Mitsubishi Electric Corp		
BF1	JP-10-050005-A		02-20-1998	Nec Gumma Ltd		ABS
BG1	JP-10-050032-A		02-20-1998	Sony Corp		ABS
BH1	JP-10-187356		07-14-1998	Tokyo Shibaura Electric Co		ABS
BI1	JP-10-187357		07-14-1998	Nippon Electric Eng		ABS
BJ1	JP-10-187358		07-14-1998	Hitachi Ltd		ABS
BK1	JP-10-187359		07-14-1998	Tokyo Shibaura Electric Co		ABS
BL1	JP-10-187360		07-14-1998	Tec Corp		ABS
BM1	JP-10-187361-A1		07-14-1998	Hitachi Koki Kk		ABS
BN1	JP-11-110888-A		04-23-1999	Nippon Kogaku Kk		ABS
BO1	JP-11-203792-A		07-30-1999	NEC Corp		ABS
BP1	JP-01-263955-A		10-20-1989	Matsushita Electric Ind Co Ltd		ABS
BQ1	JP-2000-195178-A		07-14-2000	Matsushita Electric Ind Co Ltd		ABS
BR1	JP-2000-215612		08-04-2000	LG Electronics Inc		ABS
BS1	JP-2000-285607-A		10-13-2000	Tokyo Shibaura Electric Co		ABS
BT1	JP-2001-023317-A		01-26-2001	Nippon Electric Co		ABS
BU1	JP-2001-069440-A		03-16-2001	Sanyo Electric Co		ABS
BV1	JP-2001-110168-A		04-20-2001	Ricoh Kk		ABS
BW1	JP-2001-351334-A		12-21-2001	Sony Corp		ABS
BX1	JP-2001-357623-A		12-26-2001	Victor Company Of Japan		ABS
BY1	JP-2002-015507-A		01-18-2002	Sony Corp		ABS
BZ1	JP-2002-015525-A		01-18-2002	Fujitsu Ltd et al.		ABS
BA2	JP-2002-056619-A		02-22-2002	Sony Corp		ABS
BB2	JP-2002-215612-A		08-02-2002	Seiko Epson Corp		ABS
BC2	JP-2002-245723-A		08-30-2002	Matsushita Electric Ind Co Ltd		ABS
BD2	JP-2002-288938-A		10-04-2002	Tokyo Shibaura Electric Co		ABS
BE2	JP-2002-329321-A		11-15-2002	Sony Corp		ABS
BF2	JP-2002-352522-A		12-06-2002	Matsushita Electric Ind Co Ltd		ABS

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 –Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	8	of	9	Attorney Docket Number	0465-1030P

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
BG2	JP-2003-536194-A		12-02-2003			ABS
BH2	JP-2004-280864-A		10-07-2004	Sony Corp		ABS
BI2	JP-2004-280865-A		10-07-2004	Sony Corp		ABS
BJ2	JP-2005-538490-A		12-15-2005			ABS
BK2	JP-2005-538491-A		12-15-2005			ABS
BL2	JP-2006-519445-A		08-24-2006			ABS
BM2	JP-05-274814-A		10-22-1993			ABS
BN2	JP-63-091842-A		04-22-1988	Matsushita Electric Ind Co Ltd		ABS
BO2	JP-06-349201-A		12-22-1994	Matsushita Electric Ind Co Ltd		ABS
BP2	JP-08-096522-A		04-12-1996	Sony Corp		ABS
BQ2	JP-09-145634-A		06-06-1997	Sony Corp		ABS
BR2	JP-09-231053-A		09-05-1997	Nec Software Ltd		ABS
BS2	KR-1020040094301-A		11-09-2004			ABS
BT2	WO-2004/015708-A1		02-19-2004	Samsung Electronics Co Ltd		
BU2	WO-2004/081926-A1		09-23-2004	Samsung Electronics Co Ltd		
BV2	TW-371752		10-11-1999			ABS
BW3	TW-413805		12-01-2000			ABS
BX2	WO-00/54274-A1		09-14-2000	Matsushita Electric Ind Co Ltd		
BY2	WO-01/22416-A1		03-29-2001	Koninkl Philips Electronics Nv		
BZ2	WO-01/93035-A2		12-06-2001	Dataplay Inc		
BA3	WO-03/007296-A1		01-23-2003	Ciba Sc Holding Ag et al.		
BB3	WO-03/025924-A1		03-27-2003	Tdk Corp et al.		
BC3	WO-03/079353-A1		09-25-2003	Matsushita Electric Ind Co Ltd		
BD3	WO-2004/015707-A1		02-19-2004	Samsung Electronics Co Ltd et al.		
BE3	WO-2004/075180-A1		09-02-2004	LG Electronics Inc		
BF3	WO-2004/029668-A2		04-08-2004	LG Electronics Inc		
BG3	WO-2004/029941-A1		04-08-2004	LG Electronics Inc		
BH3	WO-2004/034396-A1		04-22-2004	Samsung Electronics Co Ltd		
BI3	WO-2004/036561-A1		04-29-2004	Samsung Electronics Co Ltd		

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	10/670,326 –Conf. #5080
				Filing Date	September 26, 2003
				First Named Inventor	Yong Cheol PARK
				Art Unit	2627
				Examiner Name	BIBBINS, L
Sheet	9	of	9	Attorney Docket Number	0465-1030P

<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
BJ3	WO-2004/053872-A1		06-24-2004	LG Electronics Inc			
BK3	WO-2004/053874-A1		06-24-2004	LG Electronics Inc			
BL3	WO-2004/068476-A1		08-12-2004	LG Electronics Inc			
BM3	WO-2004/079740-A1		09-16-2004	LG Electronics Inc			
BN3	WO-2004/093035-A1		10-28-2004	Ds Enterprise Inc et al.			
BO3	WO-2004/100155-A1		11-18-2004	LG Electronics Inc et al.			
BP3	WO-2004/100156-A1		11-18-2004	LG Electronics Inc et al.			
BQ3	WO-2005/004123-A1		01-13-2005	LG Electronics Inc et al.			
BR3	WO-84/00628-A1		02-16-1984	Western Electric Co			
BS3	WO-96/30902-A1		10-03-1996	Ibm et al.			
BT3	WO-97/22182-A1		06-19-1997	Matsushita Electric Ind Co Ltd et al.			
BU3	WO-2004/025648-A1		03-25-2004	Samsung Electronics Co Ltd			
BV3	WO-2004/025649-A1		03-25-2004	Samsung Electronics Co Ltd			
BW3	WO-2004/079631-A2		09-16-2004	Koninklijke Philips Electronics NV			
BX3	RU-2005 103 626		09-10-2005				
BY3	RU-2005 127 337		02-10-2006				

<b>NON PATENT LITERATURE DOCUMENTS</b>						
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T <sup>2</sup>
	CA	JIS handbook data processing for hardware, Japan, Japanese Standards Association Inc., April 21, 1999, Pages 1064-1070				

Examiner Signature	/LaTanya Bibbins/	Date Considered	01/04/2009
--------------------	-------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LB/